



DEFENSE ACQUISITION UNIVERSITY

BCF263 – Principles of Schedule Management Course

110131

*Course Learning/Performance Objectives followed by its
enabling learning objectives on separate lines if specified.*

1	Describe DOD integrated master schedule (IMS) related policy and the American National Standards Institute/Electronic Industries Alliance's (ANSI/EIA 748A) guidelines 6 & 7 IMS related requirements.
	Explain DOD IMS policy and reporting requirements.
	Explain the scheduling process and concepts of horizontal and vertical schedule integration.
	Summarize the intent, management value, attributes, and typical outputs associated with the American National Standards Institute/Electronic Industries Alliance's (ANSI/EIA 748A) guidelines 6 & 7.
2	Apply the precedence diagram method (PDM) of scheduling to analyze and create simple non-complex PDM network schedules.
	Summarize the attributes of the precedence method of scheduling.
	Define terms associated with the precedence diagram method of scheduling.
	Given a simple PDM network, calculate the early start and finish times, calculate the late start and finish times, and determine the critical path.
3	Summarize how schedules are used in current program management community, describe the schedule development process, and create simple MS Project schedules.
	Given a scenario and a set of assumptions, code MS Project to create MS project schedule.
	Apply the scheduling process flow and schedule development steps.
	State the difference between schedule presentation and the schedule development process.
4	Interpret an American National Standards Institute/Electronic Industries Alliance (ANSI/EIA 748A) compliant integrated master schedule (IMS), calculate IMS health metrics and prepare IMS status and forecast assessments.
	Apply common schedule analysis techniques to include: baseline comparison analysis; critical path analysis, and schedule risk analysis.
	Given an ANSI/EIA 748A compliant IMS, apply a schedule diagnostic check list to appraise schedule status.
	Given an ANSI/EIA 748A compliant IMS, calculate common schedule health metrics to evaluate: task float status; task duration; underdeveloped logic; and incomplete task status.
	Given an ANSI/EIA 748A compliant IMS, calculate common schedule performance metrics to include; schedule performance index; critical path, length index; baseline execution index; and task hit or miss percentages.
	Apply Risk+ to create and interpret the results of a Monte Carlo schedule simulation.